

FIGURE 1

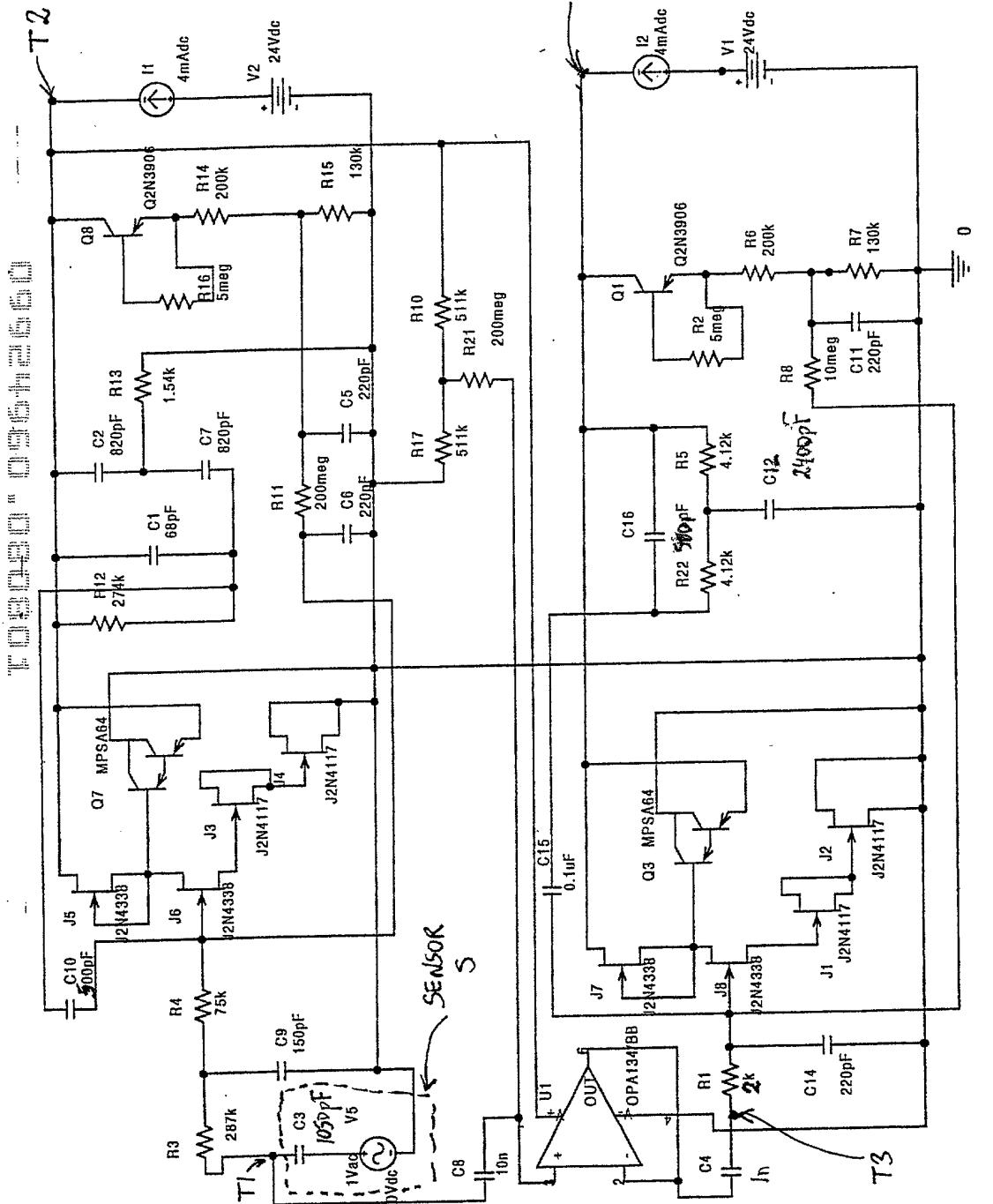


Fig. 2

TI8300007092642650

$V_{in} = 1V$

Date/Time run: 05/02/00 13:45:58

** circuit file for profile: challenge1

Temperature: 27.0

(A) challenge1-SCHEMATIC1-challenge1 (active)

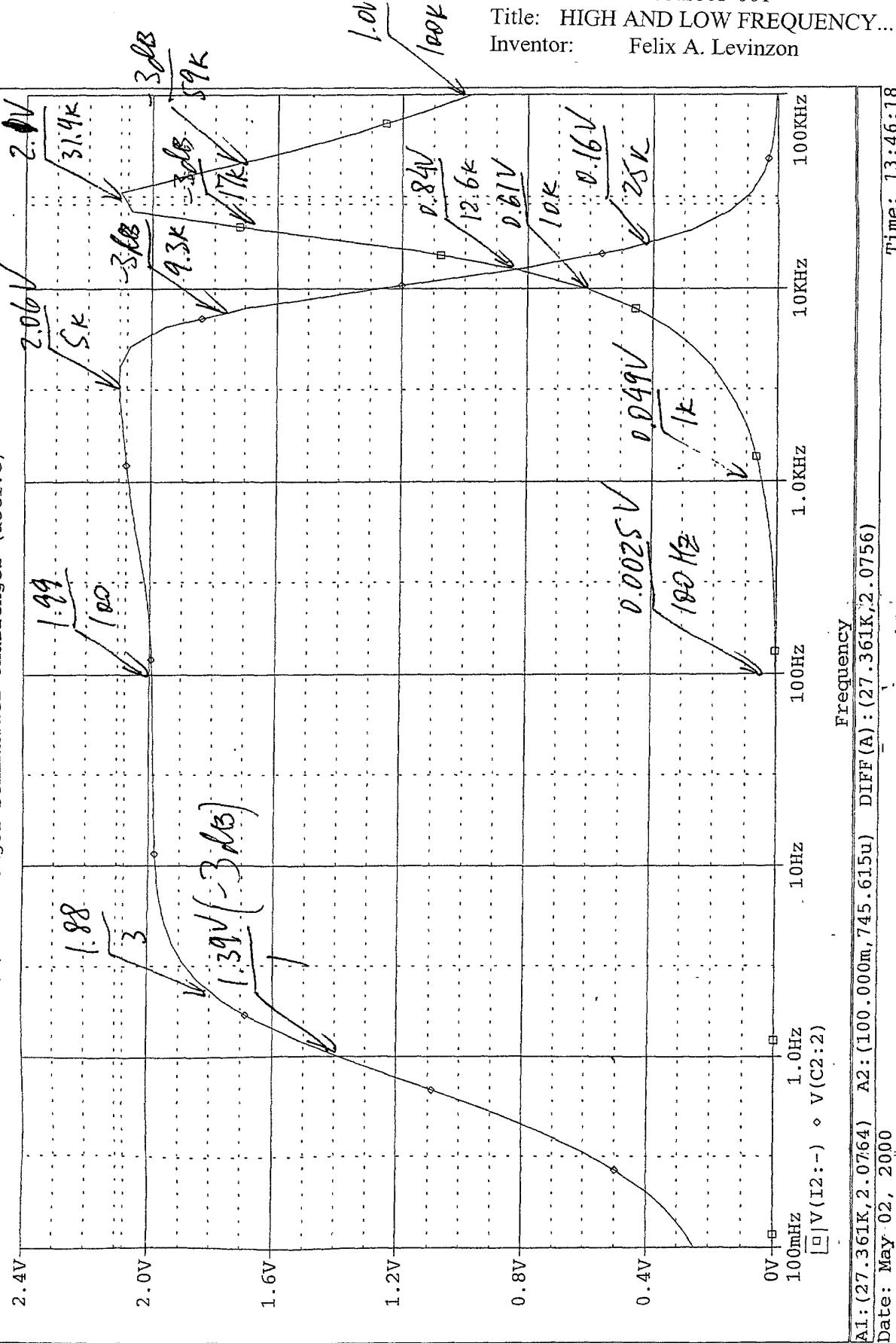


Fig.3

5/2/80 Docket "D964" Channel

$X = 27$: 38kHz
 $Y_a = 6$: 22601 dB
 FREQ RESP

$V_B = 13.6V$

$T = 28^{\circ}C$

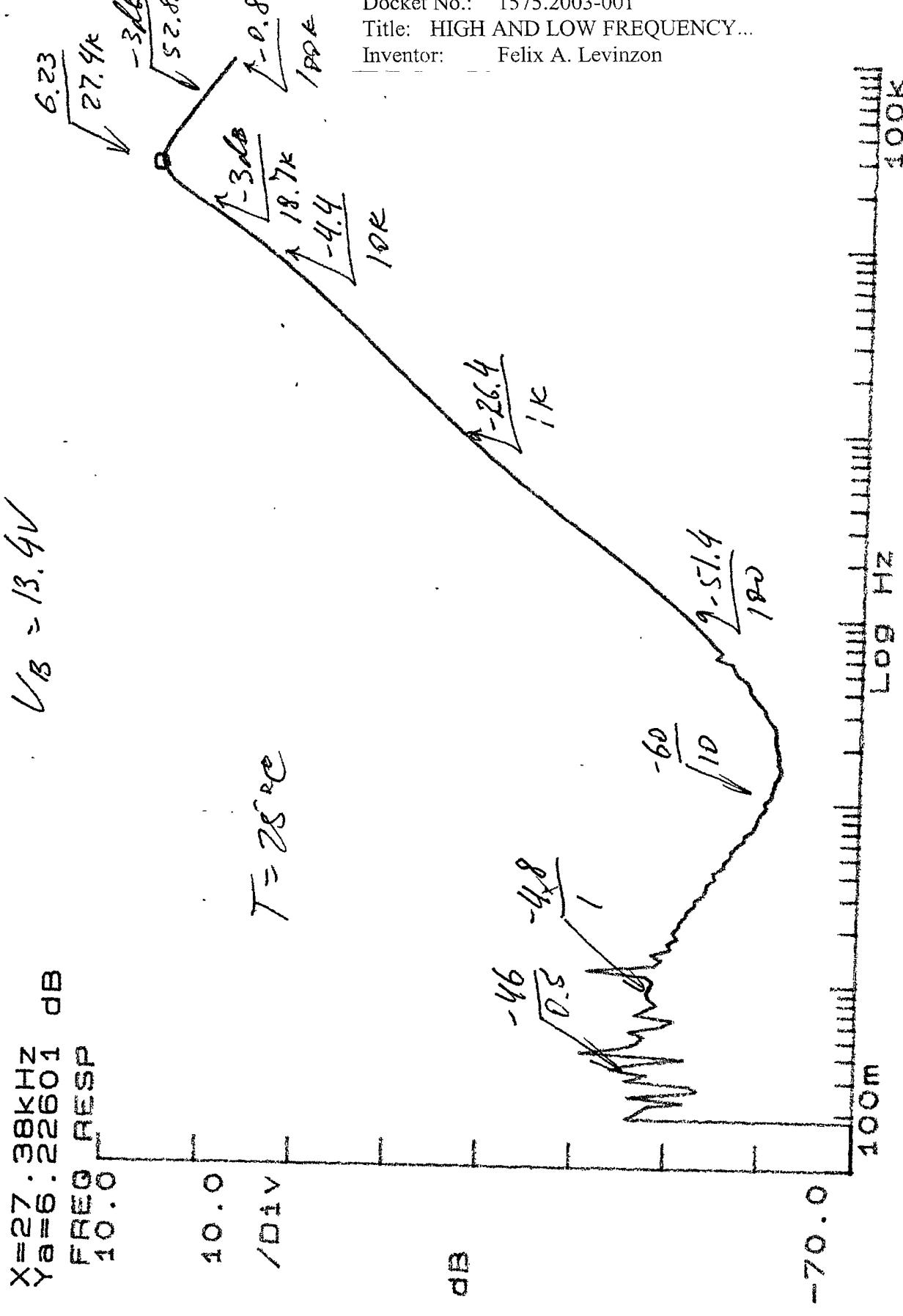


Fig. 4

5/2/80

LINEARIZED HIGH FREQUENCY CHANNEL

$$V_B = 11.1V$$

$X = 27$: 38kHz
 $Y_a = 6$: 30532 dB

FREQ RESP

10.0
/ DIV

Docket No.: 1575.2003-001
Title: HIGH AND LOW FREQUENCY...
Inventor: Felix A. Levinzon

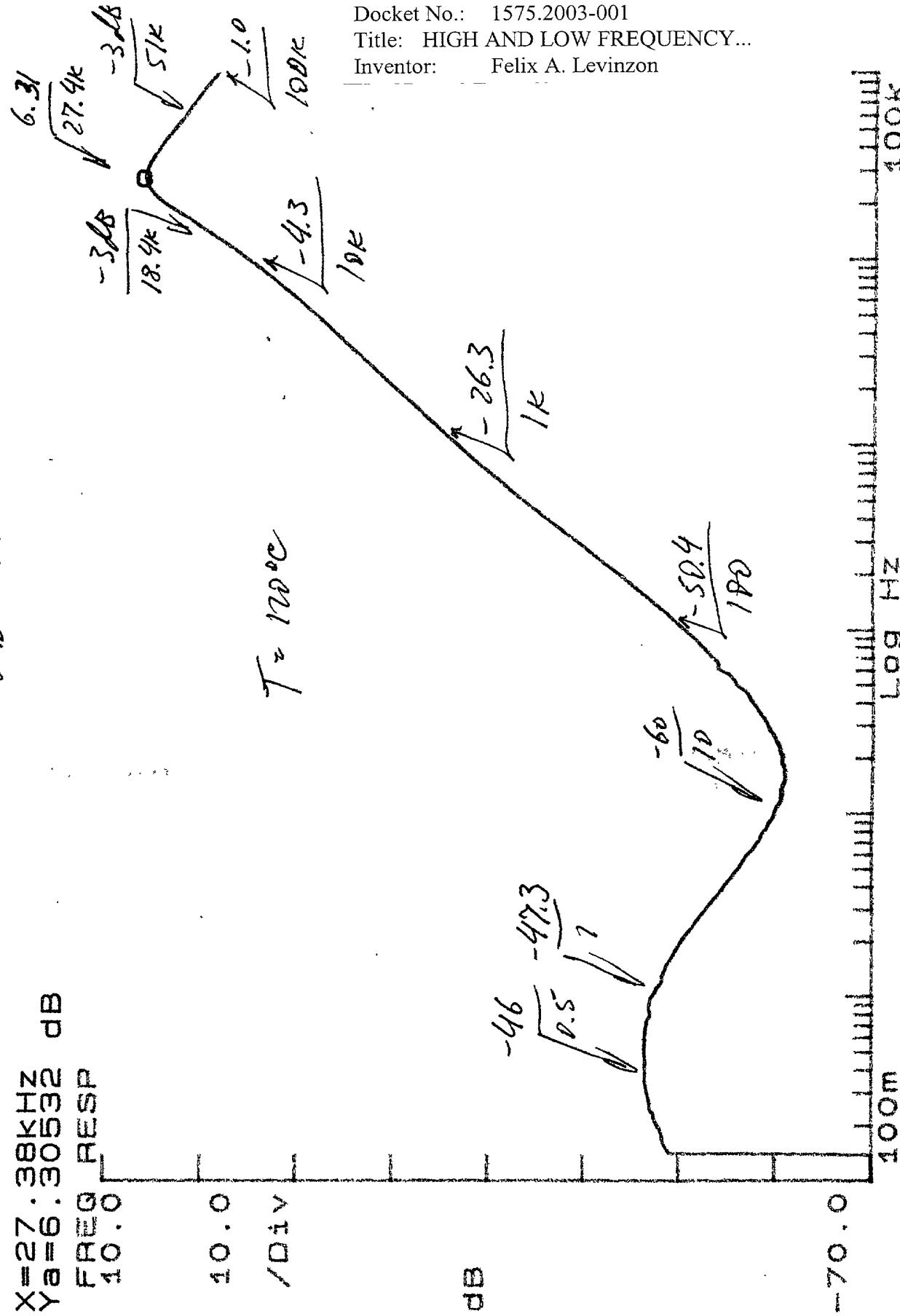


Fig. 5

LF Channel

$$U_B = 12.7V$$

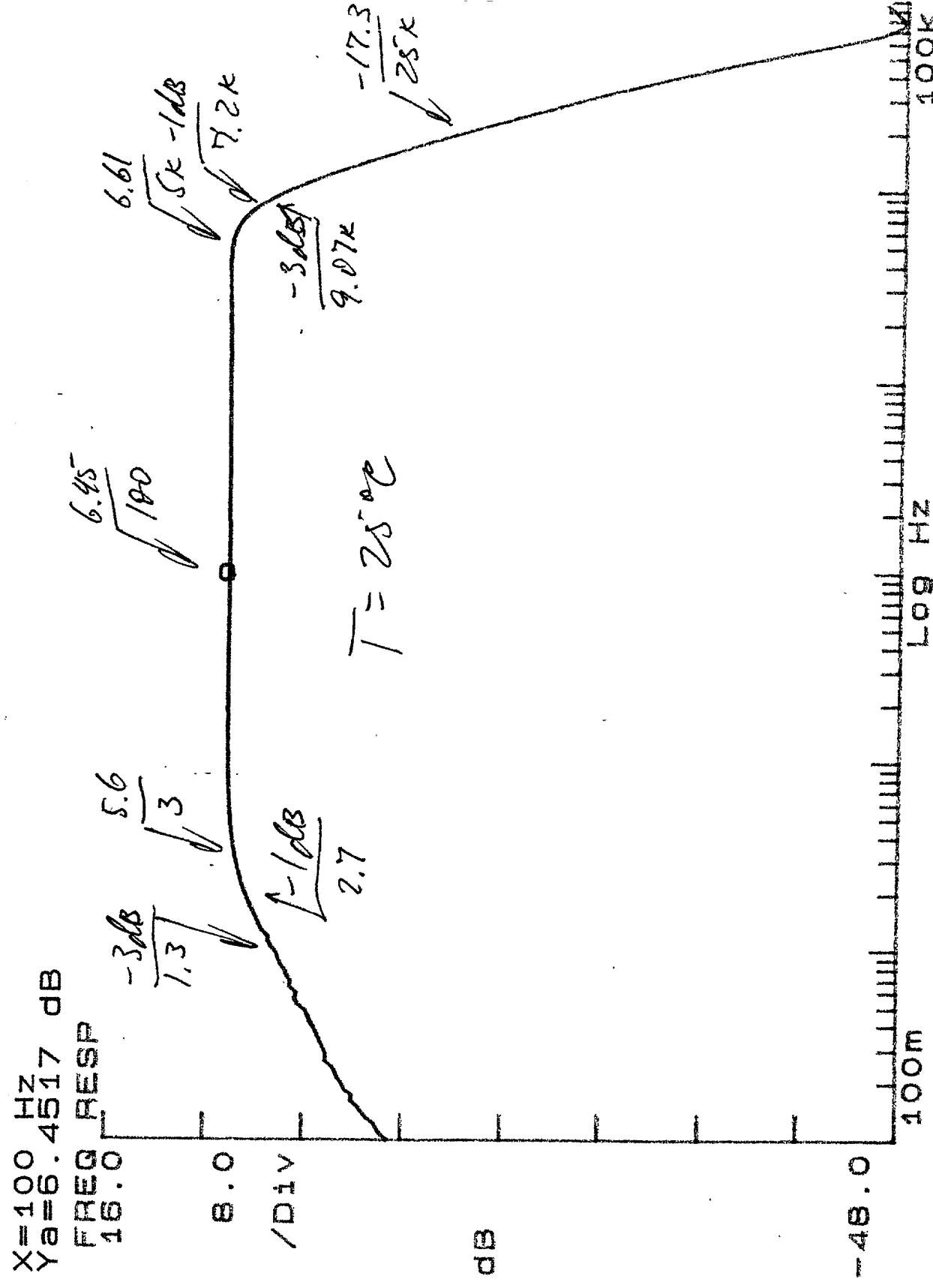


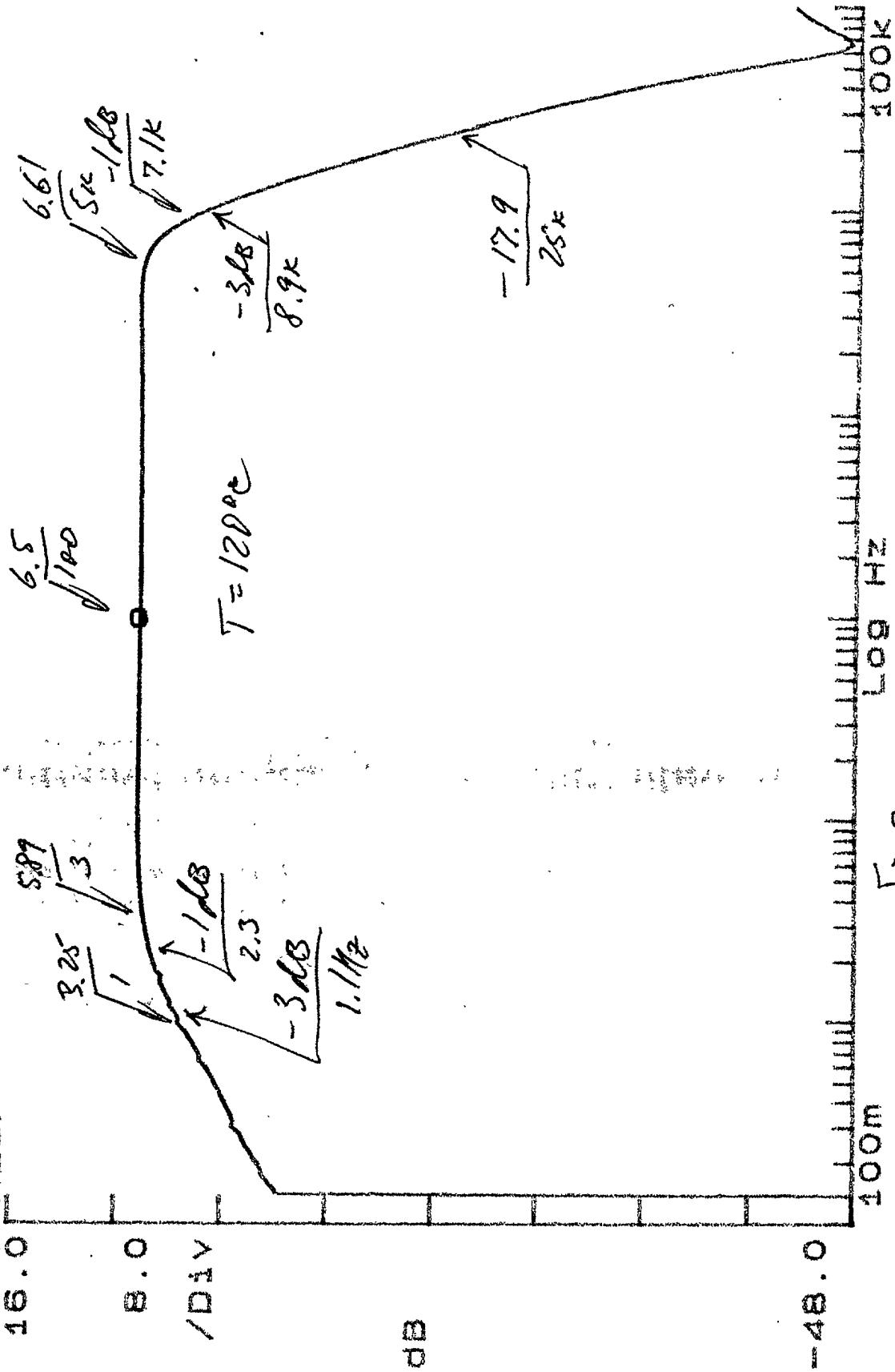
Fig. 6

LF Channel

5/2/80

$$V_B = 10.7V$$

$$X = 100 \text{ Hz}$$
$$Y_a = 6.4987 \text{ dB}$$
$$FREQ FESR$$



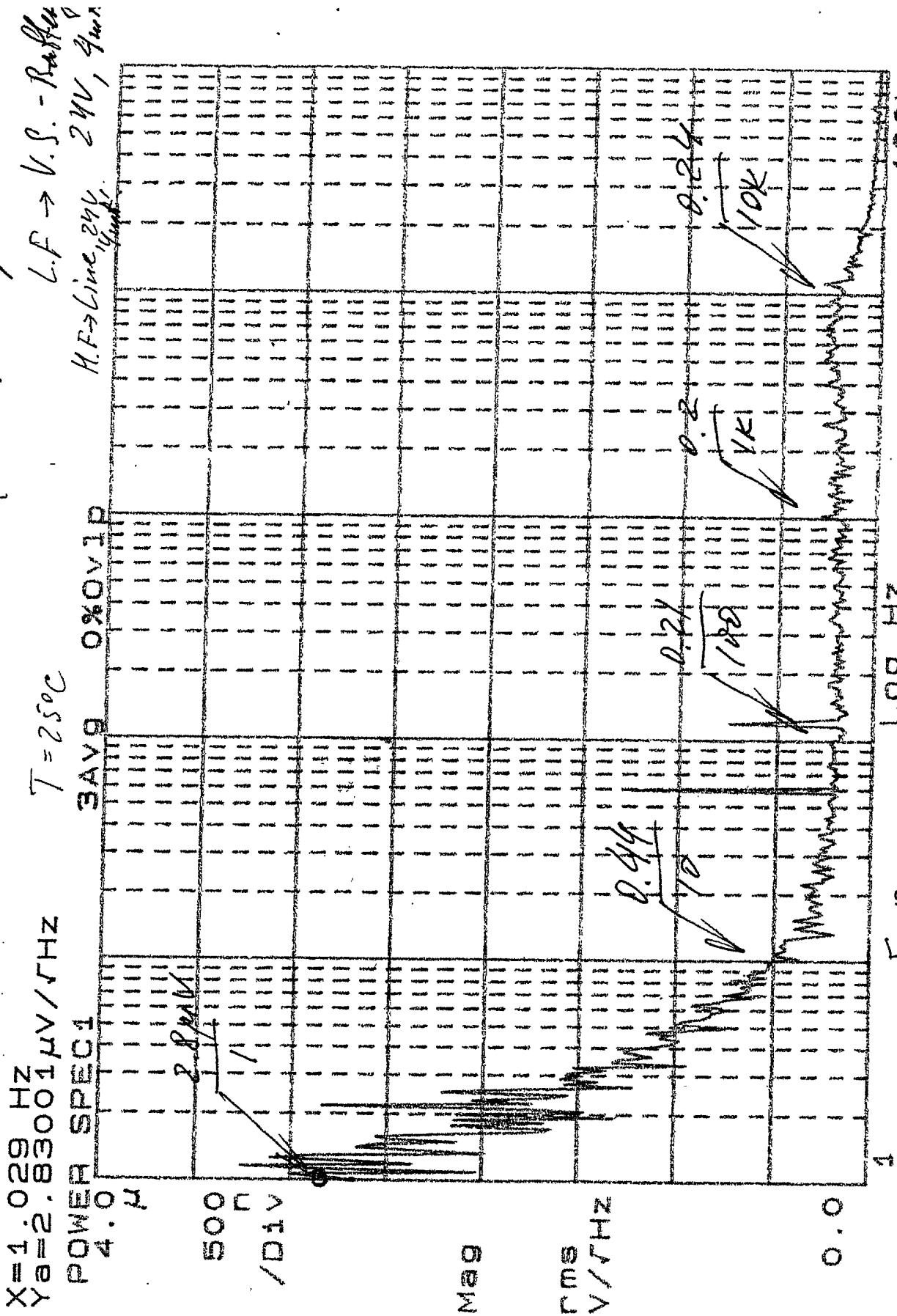
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5/3/80

LF Channel $V_o (1-30K) = 25 \mu V rms$

$V_o (1-10K) = 21 \mu V rms$

LF \rightarrow U.S. - Buffer
HF \rightarrow Line, 24V, g_{out}



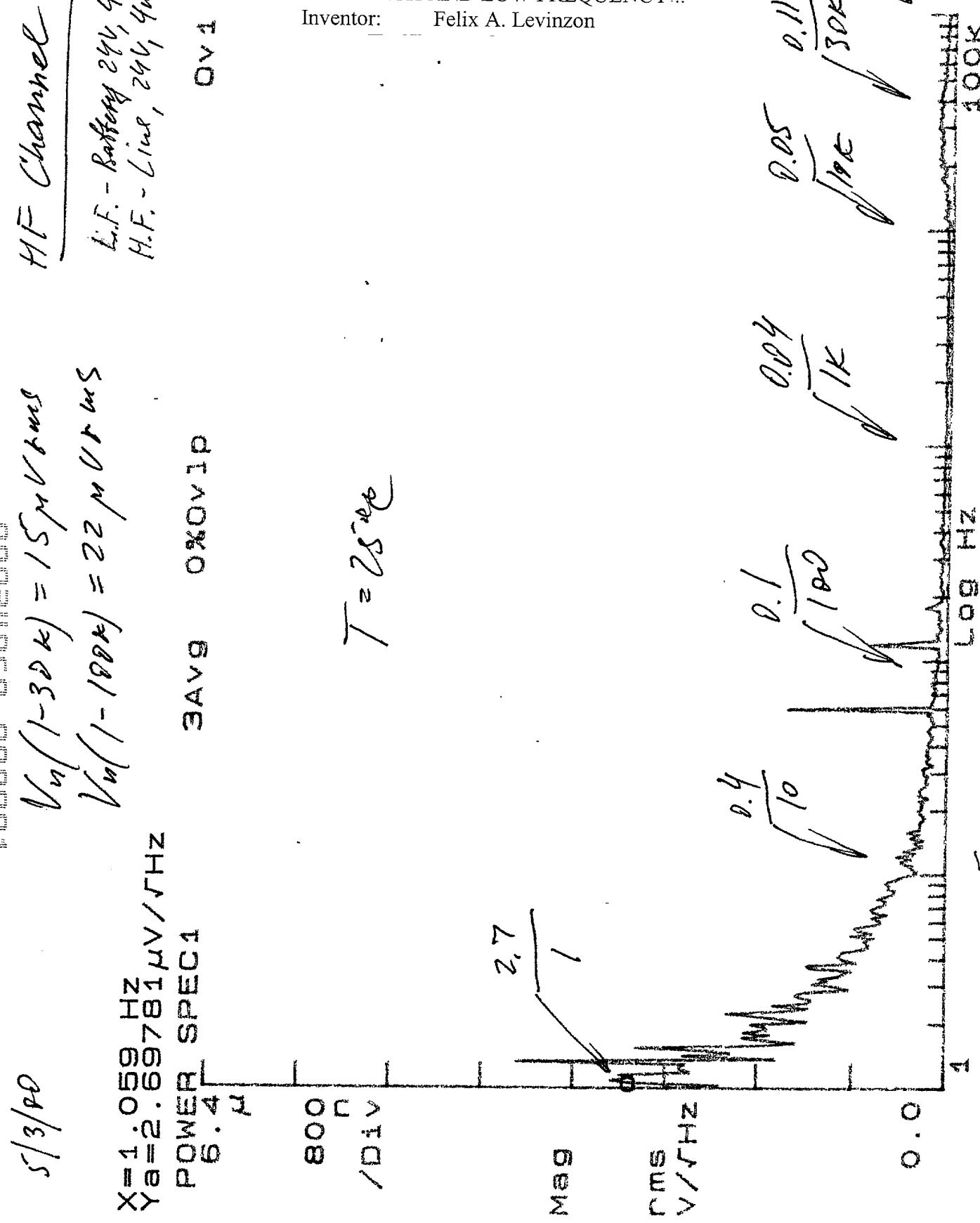


Fig. 9